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1. Document ID: US 20080129290 A1

L57: Entry 1 of 28

File: PGPB

Jun 5, 2008

PGPUB-DOCUMENT-NUMBER: 20080129290

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20080129290 A1

TITLE: METHOD AND APPARATUS FOR ACQUIRING MAGNETIC RESONANCE IMAGING DATA

PUBLICATION-DATE: June 5, 2008

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Yao; Jiabin

Beijing

CN

US-CL-CURRENT: 324/309

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>
<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KWM</a>	<a href="#">Draw. Desc</a>	<a href="#">Image</a>				

2. Document ID: US 20080001568 A1

L57: Entry 2 of 28

File: PGPB

Jan 3, 2008

PGPUB-DOCUMENT-NUMBER: 20080001568

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20080001568 A1

TITLE: Position shift control apparatus ensuring durability and

operation accuracy thereof

PUBLICATION-DATE: January 3, 2008

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Hori; Masashi	Anjo-shi		JP
Matsuzaki; Haruki	Oobu-shi		JP
Kashiwagi; Tomoyuki	Aichi-ken		JP
Shinojima; Masaaki	Nagoya		JP

US-CL-CURRENT: 318/652

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw. Desc.	Image				

3. Document ID: US 20070296372 A1

L57: Entry 3 of 28

File: PGPB

Dec 27, 2007

PGPUB-DOCUMENT-NUMBER: 20070296372

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070296372 A1

TITLE: Controller for ensuring start of operation of synchronous motor

PUBLICATION-DATE: December 27, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Hori; Masashi	Anjo-shi		JP
Kashiwagi; Tomoyuki	Chita-gun		JP
Matsuzaki; Haruki	Oobu-shi		JP
Shinojima; Masaaki	Nagoya		JP

US-CL-CURRENT: 318/716

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KWIC	Draw. Desc	Image				

4. Document ID: US 20070276221 A1

L57: Entry 4 of 28

File: PGPB

Nov 29, 2007

PGPUB-DOCUMENT-NUMBER: 20070276221

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070276221 A1

TITLE: Prescan for optimization of mri scan parameters

PUBLICATION-DATE: November 29, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
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Warntjes; Jan Bertus Marten	Eindhoven	NL	
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US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KWIC	Draw. Desc	Image				

5. Document ID: US 20070182410 A1

L57: Entry 5 of 28

File: PGPB

Aug 9, 2007

PGPUB-DOCUMENT-NUMBER: 20070182410

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070182410 A1

TITLE: Coil sensitivity estimation for parallel imaging

PUBLICATION-DATE: August 9, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Niemi; Anne Kristiina	Helsinki		FI
Tanttu; Jukka Iimari	Espoo		FI
Ylihautala; Mika Petri	Vantaa		FI

US-CL-CURRENT: 324/307; 324/309, 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

6. Document ID: US 20060058629 A1

L57: Entry 6 of 28

File: PGPB

Mar 16, 2006

PGPUB-DOCUMENT-NUMBER: 20060058629

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060058629 A1

TITLE: Magnetic resonance method

PUBLICATION-DATE: March 16, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Warntjes; Jan Bertus Marten	Eindhoven		NL
Van Den Brink; Johan Samuel	Eindhoven		NL

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

7. Document ID: US 20030225328 A1

L57: Entry 7 of 28

File: PGPB

Dec 4, 2003

PGPUB-DOCUMENT-NUMBER: 20030225328  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030225328 A1

TITLE: Blood flow gated MRI

PUBLICATION-DATE: December 4, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
DeMeester, Gordon D.	Wickliffe	OH	US
Liu, Kecheng	Solon	OH	US

US-CL-CURRENT: 600/419

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

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8. Document ID: US 20030025499 A1

L57: Entry 8 of 28

File: PGPB

Feb 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030025499  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030025499 A1

TITLE: Magnetic resonance imaging

PUBLICATION-DATE: February 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Bydder, Mark	London		GB
Hajnal, Joseph V.	London		GB
Larkman, David J.	London		GB

US-CL-CURRENT: 324/307; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw. Desc	Image				

9. Document ID: US 7375521 B1

L57: Entry 9 of 28

File: USPT

May 20, 2008

US-PAT-NO: 7375521

DOCUMENT-IDENTIFIER: US 7375521 B1

TITLE: Positional magnetic resonance imaging

DATE-ISSUED: May 20, 2008

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Damadian; Raymond V.	Woodbury	NY		US
Wolf; Robert	Medford	NJ		US

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw. Desc	Image

10. Document ID: US 7123008 B1

L57: Entry 10 of 28

File: USPT

Oct 17, 2006

US-PAT-NO: 7123008

DOCUMENT-IDENTIFIER: US 7123008 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Positional magnetic resonance imaging

DATE-ISSUED: October 17, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Damadian; Raymond V.	Woodbury	NY		US
Wolf; Robert	Medford	NJ		US

US-CL-CURRENT: 324/309

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	
<a href="#">Reference</a>				<a href="#">Claims</a>	<a href="#">KIMC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>

11. Document ID: US 6922580 B2

L57: Entry 11 of 28

File: USPT

Jul 26, 2005

US-PAT-NO: 6922580

DOCUMENT-IDENTIFIER: US 6922580 B2

TITLE: Blood flow gated MRI

DATE-ISSUED: July 26, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
DeMeester; Gordon D.	Wickliffe	OH		
Liu; Kecheng	Solon	OH		

US-CL-CURRENT: 600/413; 600/419

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	
<a href="#">Reference</a>				<a href="#">Claims</a>	<a href="#">KIMC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>

12. Document ID: US 6741880 B1

L57: Entry 12 of 28

File: USPT

May 25, 2004

US-PAT-NO: 6741880

DOCUMENT-IDENTIFIER: US 6741880 B1

\*\* See image for Certificate of Correction \*\*

TITLE: Method and apparatus for efficient stenosis identification and assessment using MR imaging

DATE-ISSUED: May 25, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Foo; Thomas K. F.	Rockville	MD		
Ho; Vincent B.	North Bethesda	MD		
Saranathan; Manojkumar	Rockville	MD		

US-CL-CURRENT: 600/419; 324/300, 324/307, 382/128, 600/407, 600/410,  
600/420

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KMC	Draw Deso Image

13. Document ID: US 6700374 B1

L57: Entry 13 of 28

File: USPT

Mar 2, 2004

US-PAT-NO: 6700374

DOCUMENT-IDENTIFIER: US 6700374 B1

TITLE: EPI calibration method to minimize ghosting in reconstructed images

DATE-ISSUED: March 2, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wu; Dee H.	Shaker Heights	OH		
Dannels; Wayne R.	Richmond Heights	OH		

US-CL-CURRENT: 324/312; 324/306, 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

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14. Document ID: US 6593741 B2

L57: Entry 14 of 28

File: USPT

Jul 15, 2003

US-PAT-NO: 6593741

DOCUMENT-IDENTIFIER: US 6593741 B2

TITLE: Magnetic resonance imaging

DATE-ISSUED: July 15, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bydder; Mark	London			GB
Hajnal; Joseph V.	London			GB
Larkman; David J.	London			GB

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

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15. Document ID: US 6408201 B1

L57: Entry 15 of 28

File: USPT

Jun 18, 2002

US-PAT-NO: 6408201

DOCUMENT-IDENTIFIER: US 6408201 B1

TITLE: Method and apparatus for efficient stenosis identification in peripheral arterial vasculature using MR imaging

DATE-ISSUED: June 18, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Foo; Thomas K. F.	Rockville	MD		
Ho; Vincent B.	North Bethesda	MD		

US-CL-CURRENT: 600/410; 324/300, 324/307, 382/128, 600/419, 600/420

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	
<a href="#">Reference</a>				<a href="#">Claims</a>	KWIC	<a href="#">Draw Desc</a>	<a href="#">Image</a>

16. Document ID: US 6340986 B1

L57: Entry 16 of 28

File: USPT

Jan 22, 2002

US-PAT-NO: 6340986

DOCUMENT-IDENTIFIER: US 6340986 B1

TITLE: Method and device for time shifting transitions in an imaging device

DATE-ISSUED: January 22, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Morrison; Robert D.	Star	ID		
Roylance; Eugene A.	Boise	ID		

US-CL-CURRENT: 347/249; 347/235, 347/250

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	
<a href="#">Reference</a>				<a href="#">Claims</a>	KWIC	<a href="#">Draw Desc</a>	<a href="#">Image</a>

17. Document ID: US 6317620 B1

L57: Entry 17 of 28

File: USPT

Nov 13, 2001

US-PAT-NO: 6317620

DOCUMENT-IDENTIFIER: US 6317620 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Method and apparatus for rapid assessment of stenosis severity

DATE-ISSUED: November 13, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ho; Vincent B.	North Bethesda	MD		
Foo; Thomas K. F.	Rockville	MD		

US-CL-CURRENT: 600/419; 324/306, 324/309, 600/420

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

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18. Document ID: US 6288541 B1

L57: Entry 18 of 28

File: USPT

Sep 11, 2001

US-PAT-NO: 6288541

DOCUMENT-IDENTIFIER: US 6288541 B1

TITLE: MRI measurement of blood vessel wall compliance

DATE-ISSUED: September 11, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dumoulin; Charles Lucian	London			GB

US-CL-CURRENT: 324/306

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KMC	Draw Desc

19. Document ID: US 5652513 A

L57: Entry 19 of 28

File: USPT

Jul 29, 1997

US-PAT-NO: 5652513

DOCUMENT-IDENTIFIER: US 5652513 A

TITLE: Phase sensitive magnetic resonance technique with integrated gradient profile and continuous tunable flow

DATE-ISSUED: July 29, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Liu; Haiying	Euclid	OH		
Margosian; Paul M.	Lakewood	OH		
Xu; Yansun	Willoughby Hills	OH		

US-CL-CURRENT: 324/306; 324/309

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KMC	Draw Desc

20. Document ID: US 5474067 A

L57: Entry 20 of 28

File: USPT

Dec 12, 1995

US-PAT-NO: 5474067

DOCUMENT-IDENTIFIER: US 5474067 A

TITLE: Method for time-resolved MR-imaging

DATE-ISSUED: December 12, 1995

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Laub; Gerhard

Heroldsbach

DE

US-CL-CURRENT: 600/413; 324/306, 324/309, 600/521

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

 21. Document ID: US 5329925 A

L57: Entry 21 of 28

File: USPT

Jul 19, 1994

US-PAT-NO: 5329925

DOCUMENT-IDENTIFIER: US 5329925 A

TITLE: Reduced scan time cardiac gated magnetic resonance cine and flow imaging

DATE-ISSUED: July 19, 1994

## INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE COUNTRY

NessAiver; Moriel S. Cleveland Heights OH

US-CL-CURRENT: 600/413; 324/306, 600/419, 600/508

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

 22. Document ID: US 4937945 A

L57: Entry 22 of 28

File: USPT

Jul 3, 1990

US-PAT-NO: 4937945

DOCUMENT-IDENTIFIER: US 4937945 A

TITLE: Magnetic compass with optical encoder

DATE-ISSUED: July 3, 1990

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schofield; Kenneth	Holland	MI		
O'Farrell; Desmond J.	Holland	MI		
Schierbeek; Kenneth L.	Zeeland	MI		

US-CL-CURRENT: 33/356; 33/363K

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>
<a href="#">Reference</a>	<a href="#">Abstract</a>	<a href="#">Description</a>	<a href="#">Claims</a>	<a href="#">KMC</a>	<a href="#">Draw Deso</a>	<a href="#">Image</a>

23. Document ID: US 4871966 A

L57: Entry 23 of 28

File: USPT

Oct 3, 1989

US-PAT-NO: 4871966

DOCUMENT-IDENTIFIER: US 4871966 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Apparatus and method for multiple angle oblique magnetic resonance imaging

DATE-ISSUED: October 3, 1989

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Smith; Stanton D.	Bellport	NY		
Hertz; David	Dix Hills	NY		
Wolf; Robert B.	Medford	NY		
Olsen; Robert H.	Bethpage	NY		

US-CL-CURRENT: 324/309

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	
<a href="#">Reference</a>				<a href="#">Claims</a>	<a href="#">KMC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>

 24. Document ID: US 4684891 A

L57: Entry 24 of 28

File: USPT

Aug 4, 1987

US-PAT-NO: 4684891

DOCUMENT-IDENTIFIER: US 4684891 A

TITLE: Rapid magnetic resonance imaging using multiple phase encoded spin echoes in each of plural measurement cycles

DATE-ISSUED: August 4, 1987

## INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Feinberg; David A. Berkeley CA

US-CL-CURRENT: 324/309; 324/307

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	
<a href="#">Reference</a>				<a href="#">Claims</a>	<a href="#">KMC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>

 25. Document ID: WO 2005071429 A1

L57: Entry 25 of 28

File: EPAB

Aug 4, 2005

PUB-NO: WO2005071429A1

DOCUMENT-IDENTIFIER: WO 2005071429 A1

TITLE: COIL SENSITIVITY ESTIMATION FOR PARALLEL IMAGING

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	
<a href="#">Reference</a>				<a href="#">Claims</a>	<a href="#">KMC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>

26. Document ID: WO 2005071429 A1, EP 1709459 A1, CN 1910470 A, JP 2007517573 W, US 20070182410 A1

L57: Entry 26 of 28

File: DWPI

Aug 4, 2005

DERWENT-ACC-NO: 2005-555510

DERWENT-WEEK: 200754

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TITLE: Coil sensitivity estimation in magnetic resonance imaging apparatus, involves using spin or gradient echo sequence matching in-plane phase encode direction of calibration and parallel imaging sequence for calibration of parallel image

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KMC	Draw Deso Clip Img Image

- 
27. Document ID: US 3388304 A

L57: Entry 27 of 28

File: USOC

Jun 11, 1968

US-PAT-NO: 3388304

DOCUMENT-IDENTIFIER: US 3388304 A

TITLE: Digital servomechanism alignment system

DATE-ISSUED: June 11, 1968

INVENTOR-NAME: LENZ CHARLES E

US-CL-CURRENT: 318/601; 318/640

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KMC	Draw Deso Image

- 
28. Document ID: US 3218439 A

L57: Entry 28 of 28

File: USOC

Nov 16, 1965

US-PAT-NO: 3218439

DOCUMENT-IDENTIFIER: US 3218439 A

TITLE: Vote tallying machine

DATE-ISSUED: November 16, 1965

INVENTOR-NAME: GEROLD HOLZER; HARRY WILCOCK

US-CL-CURRENT: 235/386

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw. Desc	Image

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SCAN	523921
SCANS	181573
(I56 and (((calibrat\$4 or referenc\$3 or preliminary or initial\$2 or preparatoty or standard) with (scan or sequence or trial or run) or "pre-scan") ).PGPB,USPT,USOC,EPAB,JPAB,DWPI, TDBD.	28

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